

## EAST Search History

| Ref # | Hits | Search Query   | DBs      | Default Operator | Plurals | Time Stamp       |
|-------|------|--|----------|------------------|---------|------------------|
| L1    | 32   | (squirrel and fan).clm.                                    | US-PGPUB | OR               | OFF     | 2006/11/27 15:41 |
| L2    | 7    | (scroll and cage).clm.                                     | US-PGPUB | OR               | OFF     | 2006/11/27 15:41 |
| L3    | 457  | (centrifugal and fan).clm.                                 | US-PGPUB | OR               | OFF     | 2006/11/27 15:42 |
| L4    | 0    | (centrifugal and fan and ("+" "-" "*" "/")).clm.           | US-PGPUB | OR               | OFF     | 2006/11/27 15:42 |
| L5    | 1    | (centrifugal and fan and equation).clm.                    | US-PGPUB | OR               | OFF     | 2006/11/27 15:42 |
| L6    | 139  | (centrifugal and fan and housing).clm.                     | US-PGPUB | OR               | OFF     | 2006/11/27 15:42 |
| L7    | 34   | (centrifugal and fan and housing and (shape profile)).clm. | US-PGPUB | OR               | OFF     | 2006/11/27 15:42 |

PGPub test search  
 Jeff 11/27/2006

## EAST Search History

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| S1    | 763  | 415/204.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/11/22 08:17 |
| S2    | 0    | S1 and (polar adj coordinates)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/11/15 21:02 |
| S3    | 0    | S1 and (diffusing adj angle)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/11/15 21:03 |
| S4    | 3    | S1 and tan and "180"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/11/15 21:03 |
| S5    | 5    | ("4712976").PN. OR ("6050772").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR               | OFF     | 2006/11/15 21:16 |
| S6    | 9    | ("3846040"   "4799287"   "4900225"   "5399068"   "5474422"   "5813834"   "6050772"   "6142732").PN. OR ("6439839").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                            | OR               | OFF     | 2006/11/15 21:17 |
| S7    | 5    | ("4712976").PN. OR ("6050772").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR               | OFF     | 2006/11/15 21:20 |
| S8    | 3    | "10107206"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/11/16 12:54 |
| S9    | 1    | "10/107206"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/11/16 12:54 |
| S11   | 2    | "20050096767"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/11/16 12:56 |

## EAST Search History

|     |      |  |   |    |     |                  |
|-----|------|--|---|----|-----|------------------|
| S12 | 17   | US-3680328-\$.DID. OR<br>US-4492094-\$.DID. OR<br>US-4877106-\$.DID. OR<br>US-5738492-\$.DID. OR<br>US-6032479-\$.DID. OR<br>US-6339935-\$.DID. OR<br>US-6412298-\$.DID. OR<br>US-6478538-\$.DID. OR<br>US-6511287-\$.DID. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/11/16 12:57 |
| S13 | 763  | 415/204.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/11/17 13:22 |
| S14 | 1142 | 415/206.ccls. not 415/204.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/11/17 13:53 |
| S15 | 88   | 29/889.3.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/11/17 13:55 |
| S16 | 278  | 29/889.6.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/11/17 14:00 |
| S17 | 342  | 29/407.01.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/11/17 14:19 |
| S18 | 947  | 29/407.01.ccls. 29/407.05.ccls.<br>29/407.09.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/11/17 14:23 |
| S19 | 1    | "703".clas. and sirocco  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/11/17 14:24 |
| S20 | 1    | "703".clas. and (scroll adj cage)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/11/17 14:24 |

## EAST Search History

|     |      |   |   |    |     |                  |
|-----|------|---|---|----|-----|------------------|
| S21 | 1    | "700".clas. and (scroll adj cage)               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/11/17 14:24 |
| S22 | 7    | "700".clas. and (sirocco)                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/11/17 14:24 |
| S23 | 763  | 415/204.ccls.                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/11/17 14:25 |
| S24 | 763  | 415/204.ccls.                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/11/17 14:25 |
| S25 | 0    | (S14 S15 S16 S18 S24) and (diffusing adj angle) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/11/17 14:26 |
| S26 | 3    | (S14 S15 S16 S18 S24) and (blower adj cut\$off) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/11/17 14:31 |
| S27 | 3    | (design\$5 adj5 scroll adj cage)                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/11/17 14:50 |
| S28 | 0    | (optimi\$5 adj5 scroll adj cage)                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/11/17 14:50 |
| S29 | 2    | (determin\$5 adj5 scroll adj cage)              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/11/17 14:50 |
| S30 | 1142 | 415/206.ccls. not 415/204.ccls.                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/11/17 21:16 |

## EAST Search History

|     |     |   |   |    |     |                  |
|-----|-----|---|---|----|-----|------------------|
| S31 | 88  | 29/889.3.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/11/17 21:16 |
| S32 | 278 | 29/889.6.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/11/17 21:16 |
| S33 | 947 | 29/407.01.ccls. 29/407.05.ccls.<br>29/407.09.ccls.                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/11/17 21:16 |
| S34 | 763 | 415/204.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/11/17 21:16 |
| S35 | 0   | (S30 S31 S32 S33 S34) and<br>(diffusing adj angle)                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/11/17 21:17 |
| S36 | 23  | (S30 S31 S32 S33 S34) and<br>(simulation)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/11/17 21:26 |
| S37 | 52  | (S30 S31 S32 S33 S34) and<br>(simulat\$5) not S36                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/11/17 21:26 |
| S38 | 2   | "5677098".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/11/22 08:18 |
| S39 | 7   | "HAMADA YASUO" and "TOYODA<br>KOICHI" and "HATAKEYAMA<br>MAKOTO" and "NIIHARA NOBORU" | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/11/22 08:22 |
| S40 | 2   | "20050096767"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/11/22 08:22 |